

INTELLIGENCE

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SECURITY INFORMATION

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INFORMATION REPORT

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COUNTRY USSR (Moscow Oblast)

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SUBJECT Soviet Exhibition of Building
and Road-Building Machinery

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1. The exhibition of building and road-building machinery was held at the USSR Building Exhibition, Frunze Naberzhnaya 74. There were plans for concrete buildings to be built first with steel bars and angles and then with concrete. There were plans for a university building of 275 meters height and with 110 elevators. Each elevator can carry from 16 to 20 persons and has a speed of from one-half to two meters per second. The building will consist of 6,000 dormitory rooms for students, each room to be furnished and with bath.
2. There were drilling machines with a drilling depth of 1020 meters and concrete mixers 1,200 liters in capacity. There were excavators with a single universal full-swing bucket of .1 cubic meter capacity (sic). It was said that this excavator has replaced thousands of laborers and is the only one the Soviets have designed. The total output of these excavators is 120-150 cubic meters per hour. Other excavators seen had an output capacity of 75-120 cubic meters per hour.
3. Also seen were coal combines with an output of 50-110 tons per hour and electric locomotives weighing only 1165 kg and having 600 hp.¹ The distance between the wheels of the locomotive was 600 mm. There was rock loading machinery with an output of 30-40 cubic meters per hour.

25X1A [REDACTED] Comment: This weight seems too low. Previous reports mention Lilliput mine electric locomotives weighing 3.5 tons.

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